

**JP1016638A 19890120 POROUS SHEET HAVING AIR PERMEABILITY AND WATER-PROOFNESS Assignee/Applicant:** DAINIPPON PRINTING CO LTD **Inventor(s) :** TSUCHIYA HIROTAKA ; UCHIDA FUJIO **Priority (No,Kind,Date) :** JP17182087 A 19870709 **X Application(No,Kind,Date):** JP17182087 A 19870709 **IPC:** 4B 29C 67/20 A **Language of Document:** NotAvailable **Abstract:**

**PURPOSE:** To improve strength, softness and moisture permeable property, by a method wherein specified amounts of inorganic filling agent and polyester plasticizer are contained in a specified polyolefin resin as inevitably necessary adding constituents while the polyolefin resin is orientated monoaxially.

**CONSTITUTION:** 40W400pts.wt. of inorganic filling agent and 0.5W100pts.wt. of polyester plasticizer are contained per 100pts.wt. of polyolefin resin, consisting of 100pts.wt. of linear low density polyethylene and 10W100pts. wt. of olefin polymer while the polyolefin resin is orientated monoaxially. Said polyolefin polymer is selected from the co-polymer of high-pressure method low-density polyethylene having a melt index of at least 10 and ethylene  $\alpha$ -olefin having the crystallinity of 30% or less. A sheet having such a constitution is provided with fine communicating hole group, which passes gas but not permeating water, and excellent in mechanical strength or softness.

**Legal Status:** There is no Legal Status information available for this patent